Trivedi C. B.   Lau G. E.   Templeton A. S.   Grasby S. E.   Spear J. R.
The Geobiology That Drives a Sulfur-Dominated Glacial Spring System Found in the Canadian High Arctic [#3540]
Examining the geobiology underlying a low-temperature sulfur-dominated glacial spring system in the Canadian high arctic and its use an Europen analog.

Cartwright J. H. E.   Barge L. M.   Cardoso S. S. S.   Vance S.
Self-Assembling Ice Membranes:  Brinicle Properties, Field Examples, and Possible Energetic Systems in Ocean Worlds [#3512]
We discuss the physical, chemical, and electrochemical properties of ice chemical gardens and their similarity to other traditional chemical garden systems.

A Search for Cyclic Molecules on Titan with ALMA [#3312]
This presentation describes a search for cyclic molecules (pyridine, pyrimidine) on Titan using sub-mm spectroscopy with ALMA.

Buffo J. J.   Schmidt B. E.   Huber C.
Downside Up:  Europa’s Ice-Ocean Interface as an Inverted Benthos [#3695]
Modeling Europa’s ice-ocean interface as a multiphase porous media subject to reactive transport and its effect on potential habitability.

McMurdo Ice Shelf as an Ocean World Analog:  Supercooled Water and Ice Mass Balance [#3609]
Ice-ocean interactions on Earth provide an important analog for understanding the influence on habitability these processes may have on other ocean worlds.